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### **General Schematic of Antibody Structure**

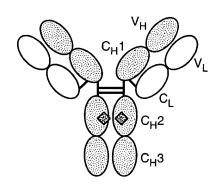
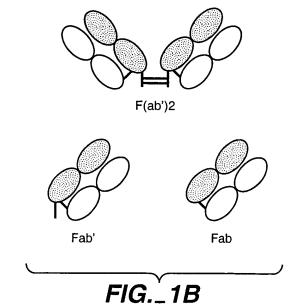


FIG.\_1A

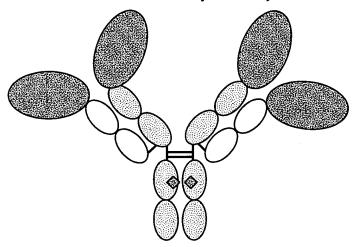
### **General Schematic of Antibody Fragments**



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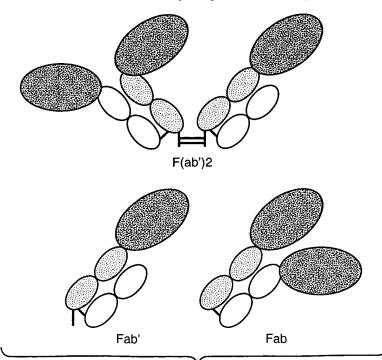
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### General Schematic of Antibody-Glucoamylase Fusion



Ig-GA FIG.\_1C

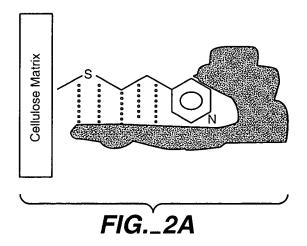
### **General Schematic of Antibody Fragment-Glucoamylase Fusions**



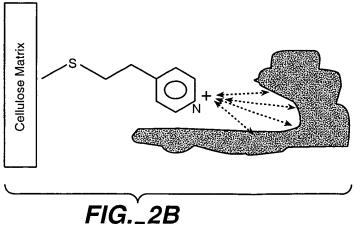
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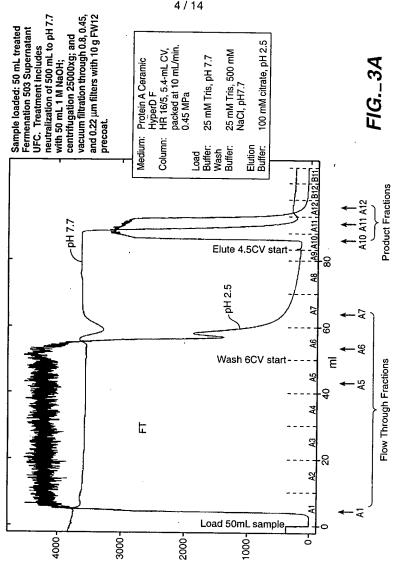
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### Adsorption by Hydrophobic Association



### **Desorption by Ionic Repulsion**

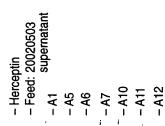




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#### PAC062602

4-12% Bis-Tris MES SDS

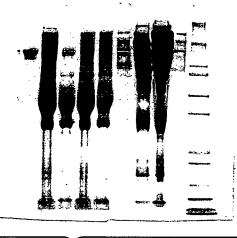
Reducing



#### PAC062602

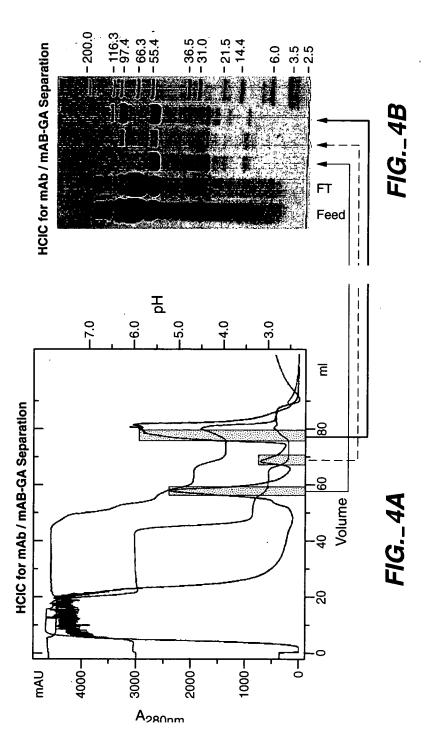
4-12% Bis-Tris MOPS SDS

Non-reducing



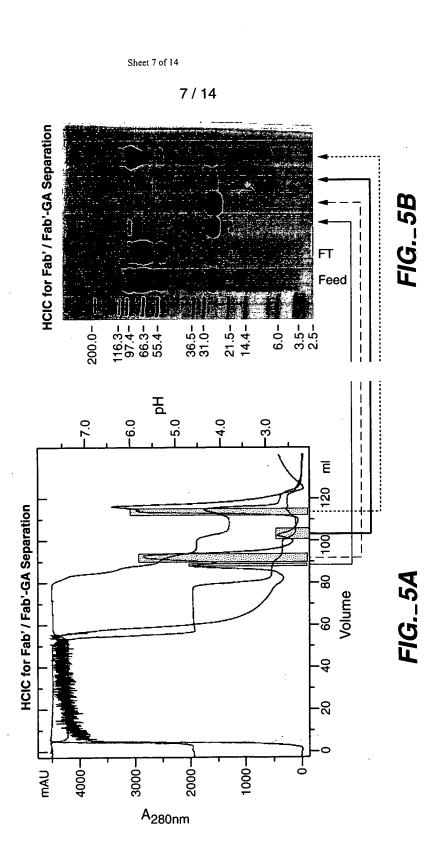
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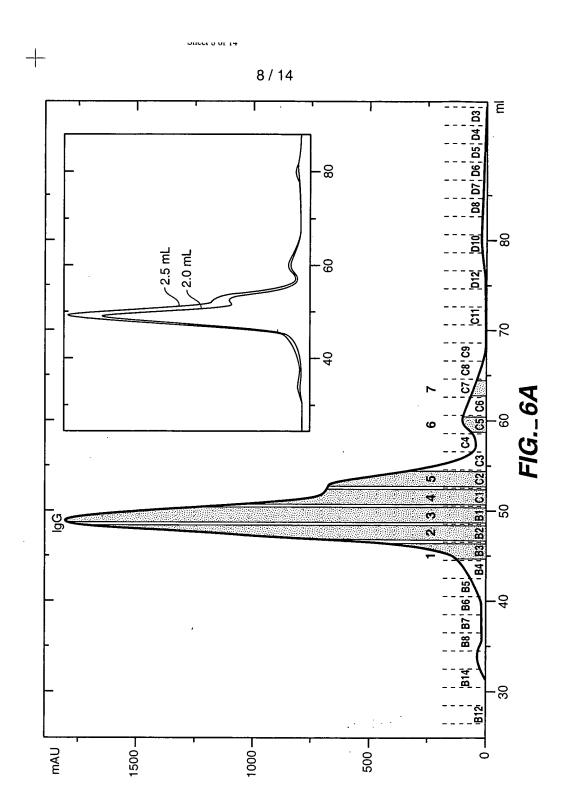
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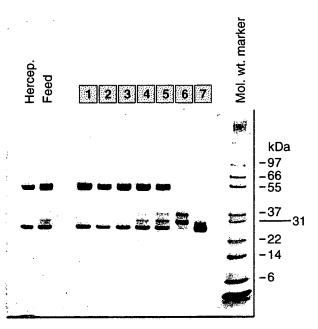
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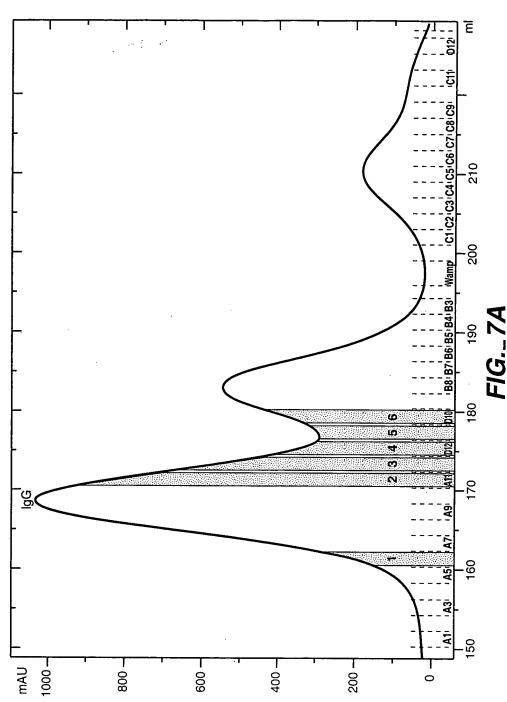
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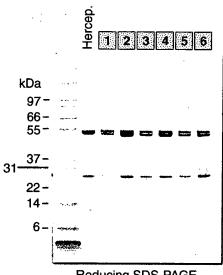
Reducing SDS-PAGE

FIG.\_6B

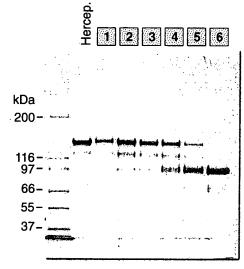




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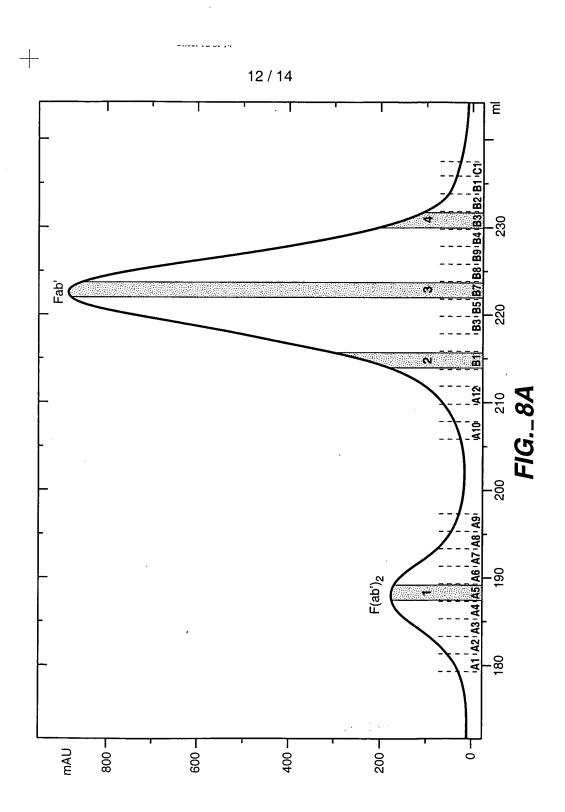


Reducing SDS-PAGE



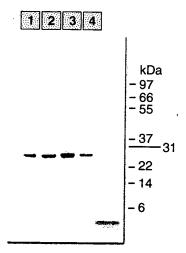
Non-reducing SDS-PAGE

FIG.\_7B

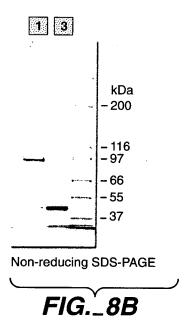


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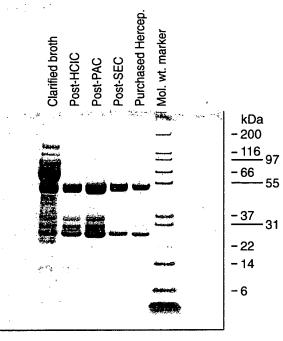


Reducing SDS-PAGE



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Reducing SDS-PAGE

FIG.\_9